## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/020859

	SIFICATION OF SUBJECT MATTER					
H01Q11/04(2006.01),	H01Q1/38(2006.01),	H01Q21/24(2006.01)				

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) H01Q11/04 (2006.01), H01Q1/38 (2006.01), H01Q21/24 (2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2006

Kokai Jitsuyo Shinan Koho 1971-2006 Toroku Jitsuyo Shinan Koho 1994-2006

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IEEE, WPI

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

evant to claim No.	ne relevant passages	Category*
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-9,12-18 ,11,19,20		Y A
-9,12-18 ,11,19,20	,	Y A
		А

×	Further documents are listed in the continuation of Box C.		See patent family annex.
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is
"O" "P"		"&"	combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family
Date	of the actual completion of the international search 07 February, 2006 (07.02.06)	Date	e of mailing of the international search report 21 February, 2006 (21.02.06)
	e and mailing address of the ISA/ Japanese Patent Office	Aut	norized officer
Facsi	mile No.	Tele	phone No.

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/020859

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